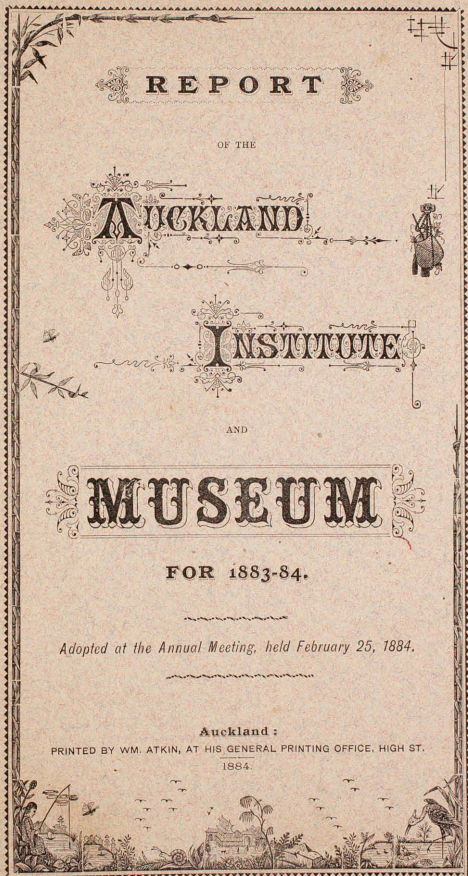
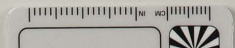


AIM Ann Report
1883 to 1884



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AIM Ann Report
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REPORT

OF THE

AUCKLAND

INSTITUTE

AND

MUSEUM

FOR 1883-84.

Adopted at the Annual Meeting, held February 25, 1884.

Auckland:

PRINTED BY WM. ATKIN, AT HIS GENERAL PRINTING OFFICE, HIGH ST.

1884.

AIM Ann Report
1883 to 1884

REPORT

OF THE

MUSEUM

FOR THE YEAR

1883-1884

CM IN



OFFICERS
OF THE
AUCKLAND INSTITUTE.

PRESIDENT:

H. G. Seth SMITH, Esq., R.M.

VICE-PRESIDENTS:

Rt. Rev. W. G. COWIE, D.D. (E. A. MACKECHNIE, Esq.

COUNCIL:

AICKIN, G., Esq.	MOORE, J. M., Esq., M.D.
BROWN, Prof. F. D., B.Sc.	PEACOCK, T., Esq., M.H.R.
CAMPBELL, J. L., Esq., M.D.	POND, J. A., Esq.
HAULTAIN, Hon. Col.	PURCHAS, Rev. A. G., M.R.C.S.E.
HEATH, Neil, Esq.	SMITH, S. P., Esq., F.R.G.S.
MARTIN, J., Esq., F.G.S.	

SECRETARY AND TREASURER:

T. F. CHEESEMAN, Esq., F.L.S., F.Z.S.

AUDITOR:

T. MACFFARLANE, Esq.

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THE FOLLOWING MAGAZINES AND PERIODICALS ARE CIRCULATED
AMONGST THE MEMBERS.

Quarterly Journal of Microscopical Science

Journal of Science

Popular Science Review

Nature

Geological Magazine

Lancet

Scientific American

The Academy

Knowledge

Botanical Magazine

Gardener's Chronicle

Chemical News

Engineering

Science Gossip

Electrical and Telegraphic Review

Journal of the Society of Arts.

Annals and Magazine of Natural History

New Zealand Journal of Science.



WINTER SESSION, 1883.

MEETINGS WILL BE HELD ON THE FOLLOWING MONDAY EVENINGS

June 9th

September 8th

July 14th

September 29th

August 11th

October 27th

To commence at 7.45 p.m.

REPORT.



THE Council have the pleasure of laying before the Members the following Report on the progress and general condition of the Institute.

Members.—The number of members elected during the past year has been unusually small, amounting to only 12. In the previous year the elections numbered 34. The losses have been, by death, 7; by resignation, 6; and by default of subscription for two consecutive years, 16. There is thus a net decrease of 17, the total number on the roll at the present time being 304.

Finance.—As will be seen by the annexed balance sheet, the total income for the year ended February 20th, 1884, was £422 9s. 3d., of which £294 consisted of the entrance fees and subscriptions of members. In the previous year, 1882-83, the total net income was £403 8s. 1d., and the amount of subscriptions, &c., £317 2s. The expenditure has amounted to £472 10s. 6d., leaving a balance of £50 1s. 3d. due to the Bank of New Zealand. The expenditure of the previous year was £397 8s. 6d.

Costley Bequest.—The members are doubtless aware that on the decease of the late Mr. Edward Costley, of this city, it was found that nearly the whole of his large fortune, estimated at over £70,000, had been bequeathed, in equal shares, to seven Auckland Institutions, the Auckland Institute being one. Probably no long period will elapse before the Institute receives its share of the bequest, the executors, Mr. S. Jackson and Mr. D. Hean, having been for some months actively engaged in the work of realising the estate. The executors having requested that three gentlemen should be nominated to receive the bequest on the part of the Institute, the Council have to report that Mr. G. Aickin, Mr. T. Peacock, and Mr. H. G. Seth Smith have been selected for this purpose. The Council have great pleasure in congratulating the members on the altered position and

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improved prospects of the Institute due to Mr. Costley's timely munificence, which they trust will long remain in the recollection of the people of Auckland.

Museum Endowment.—The lands selected by the Government as an endowment for the Museum, under the provisions of the "Auckland Museum Endowment Act, 1882," were gazetted shortly after the publication of last year's report. The administration of the endowment is vested by the Act in the Waste Lands Board, so far as the sale or lease of the properties is concerned; but at an early date the Council placed themselves in communication with the Board, and at its request forwarded full suggestions as to the best methods of dealing with the endowment. It was understood that these suggestions were to be adopted by the Board, but from reasons which have not transpired no action whatever has yet been taken. This delay is greatly to be regretted, not only as preventing the Council from obtaining a revenue from the endowment, but from the fact that several of the timber blocks are being rapidly denuded of kauri by unscrupulous persons, and their value thus greatly reduced. The management of the endowment would have been far better placed in the hands of the Council of the Institute, as the body most directly interested.

Meetings.—Six meetings have been held during the session, at which the following papers were read:

1. Inaugural Address:—by the President (the Right Rev. W. G. COWIE, D.D.)
2. Notice of the discovery of the genus *Rhagodia* in New Zealand:—by T. F. CHEESEMAN, F.L.S.
3. On a new genus of *Silphidae*:—by Capt. T. BROWN, M.E.S.
4. Our Water Supply:—by Mr. Justice GILLIES.
5. On the effect of Extreme Cold on Fishes:—by NEIL HEATH.
6. On some new species of the genus *Sagola*:—by Capt. T. BROWN.
7. On the Botany of the Thames Gold Fields:—by James ADAMS, B.A.
8. The Law of Tolerance:—by E. A. MACKECHNIE.
9. Further experiments with Sorghum:—by Mr. Justice GILLIES.
10. The Pottery Clays of the Auckland Provincial District:—by J. A. POND.

11. Comparative Philology and its relation to Polynesia :—by Prof. T. G. TUCKER.
12. New species of *Carabidae* :—by Capt. T. BROWN.
13. Recent additions to the New Zealand Flora :—by T. F. CHEESEMAN.
14. On the natural spread of *Eucalyptus* in the Karaka district :—by A. T. URQUHART.
15. A visit to the Lord Howe's Group, Western Polynesia :—by G. H. MOORE.
16. Psychological Investigations :—by W. D. CAMPBELL, F.G.S.
17. New species of *Coleoptera* :—by Capt. T. BROWN.
18. The Spell of the Supernatural :—by E. A. MACKECHNIE.
19. New species of *Curculionidae* :—by Capt. T. BROWN, M.E.S.
20. Notes on the New Zealand Earthworms :—by A. T. URQUHART.
21. A Revision of the New Zealand species of *Carex* :—by T. F. CHEESEMAN, F.L.S., F.Z.S.
22. The Citizenship of Women :—by Dr. WALLIS.
23. On the New Zealand Railways :—by S. VAILE.

All the above Papers have been forwarded to the Manager of the New Zealand Institute, at Wellington, with the view of a selection being made for publication in the forthcoming volume of "Transactions."

Museum.—The number of visitors to the Museum continues to increase in a steady ratio, but in the absence of any recording mechanism, it is impossible to give accurate statistics on this point. Through want of funds the Council have been unable to remove any of the checks to the progress of the Museum mentioned in the Report for 1882; but the receipt of the Costley bequest, and the revenue which may be fairly expected from the Government endowment, will probably allow considerable improvements to be made during the coming year. In anticipation of an increased revenue, arrangements have been made for the employment of a permanent taxidermist; and a thoroughly competent workman has been selected, and in a few months will arrive in Auckland. It is also hoped that funds will be available for the erection of new show-cases and other fittings, for a long time urgently required; and for the supply of other pressing wants. The additions received, a full list of which is appended, have not

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been nearly so numerous or valuable as during the previous two or three years. This is partly due to the Curator having been obliged to suspend the usual exchanges with foreign Museums until proper fittings and other appliances are supplied, there being at the present time no provision for the safe storage of additional specimens.

Art Collections.—Through the continued liberality of Mr. J. T. Mackelvie, the Art collections temporarily deposited in the care of the Institute have received several important additions during the year. Almost immediately after the publication of the last Report a consignment arrived of 105 framed water-colour, pen-and-ink, and pencil sketches, mostly by well-known artists. This collection will doubtless be of great service in providing good examples for the use of Art students, the main purpose Mr. Mackelvie had in view when forming it. The next donation was a charming antique bronze statue of life size, of the Greco-Roman period, originally found at Pompeii, and for some time part of the collection amassed by Murat when King of Naples. It may perhaps be looked upon as the most valuable of Mr. Mackelvie's presentations. The most recent addition consists of seven oil-paintings, all of considerable merit. A full description has appeared in the daily Press, but attention may be drawn to the "Dawn of the first Easter Sunday," by E. Armitage, R.A., as a painting of great excellence, and a good example of this well-known artist's style.

In addition to Mr. Mackelvie's presentations, Sir G. Grey has placed three excellent paintings, by Netscher, Stodart, and Blake, in the care of the Institute. These will form valuable additions to the Auckland Art Gallery, for which they are intended.

The Free School of Art, the expense of which is still altogether borne by Dr. Campbell, has been regularly kept up during the year, with a very gratifying attendance of students.

Library.—The Council have to acknowledge the receipt of a grant of £35 under the provisions of "The Public Libraries Subsidies Act." This amount has been expended in the purchase of standard scientific works, a list of which is appended. The most important donation has been a further instalment of 40 books and pamphlets on the early history of the Colony, contributed by Mr. J. T. Mackelvie, who has done so much in this direction during past years. The same gentleman has also forwarded a number of miscellaneous works, among which are the six most recently issued volumes of the Scientific Report of the Challenger Expedition, an acquisition of great value and importance. Mention should also be made of a complete set of the publications of the Essex Institute, U.S.A., obtained through

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the kind offices of Mr. F. R. Webb. The Council trust that after this year it may be possible to devote a fixed sum annually to the gradual increase of the Library, which is still very deficient in many departments of scientific literature.

Conclusion—Before concluding this Report, the Council wish to draw the attention of the members to the continued services rendered by Messrs. W. K. Graham and Co. and Mr. H. Craig, as agents of the Institute in London and San Francisco. The thanks of the Institute are also due to the Pacific S. S. Co., the N. Z. Shipping Co., and other shipping firms for their kindness in carrying freight free all packages intended for the Museum.



The Treasurer in Account with the Auckland Institute.

Dr.

FEBRUARY 13, 1883, TO FEBRUARY 20, 1884.

Cr.

	£	s.	d.
Balance in the Bank of New Zealand, February 13, 1883	5	19	7
Entrance Fees and Subscriptions	294	0	0
Rents	81	5	0
Government Grant to Library	35	0	6
Miscellaneous Receipts	6	4	2
Balance due Bank of New Zealand, February 20, 1884 ..	50	1	3
	£472	10	6

	£	s.	d.
Books and Periodicals	63	8	0
Additions to Museum, New Fittings	30	9	0
Museum Requisites, Stationery, Printing, Advertising, Postage, Gas, Insurance	76	14	5
Curator	150	0	0
Messenger, Cleaning and Attendance	62	0	0
Repairs to Roof of Museum	66	4	9
Miscellaneous Payments	23	14	4
	£472	10	6

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INVESTMENT FUND ACCOUNT.

	£	s.	d.
Cash in Auckland Savings Bank, February 13, 1883....	69	10	7
Interest to December 31st, 1883.....	3	9	0
	£72	19	7

	£	s.	d.
Cash in Auckland Savings Bank, February 20, 1874	72	19	7
	£72	19	7

T. F. CHEESEMAN, TREASURER.

I have compared the above statement with the Books and Vouchers, and have found it to be correct.

THOS. MACFFARLANE, AUDITOR.

Auckland, February 21, 1884.

ADDITIONS & DONATIONS

TO THE

LIBRARY AND MUSEUM.

-
- Colonial Museum and Laboratory Report for 1882; Reports on Geological Explorations, 1882—The Director of the Geological Survey.
 Parliamentary Papers and Reports; New Zealand Hansard for 1883; Statistics of New Zealand for 1882; The Crown Lands' Guide for 1883—The New Zealand Government.
 Statistics of Tasmania for 1882; Walsh's Tasmanian Almanac—The Colonial Secretary, Tasmania.
 Bernay's Cultural Industries of Queensland—The Colonial Secretary, Queensland.
 Proceedings of the Linnean Society of New South Wales, parts of vols 7 and 8—The Society.
 Marsh's Monograph of the Extinct Toothed Birds of North America; Proceedings of the American Association for the Advancement of Science for 1880 and 1881; Smithsonian Report for 1880—Received through the Smithsonian Institution, Washington, U.S.A.
 Proceedings of the Royal Colonial Institute for 1882-3—The Colonial Institute.
 Annales de la Société Malacologique de Belgique, tomes 1-16—The Society.
 Bulletin of the Essex Institute, vols 1 to 13 (1869-1882); Historical Collections of the Essex Institute, vols 1 to 18 (1859-1881); Transactions of the Essex Agricultural Society, 1870-1880, 10 vols; numerous Pamphlets and Reports—The Essex Institute, U.S.A., per Mr. F. R. Webb.
 Bennett's Gatherings of a Naturalist—The Author.
 Stokes' Australian Discoveries, 2 vols—W. P. Gordon.
 The Amazon and Madeira, by Keller; Report of the Colorado Exploring Expedition; Nares' Journal of the Arctic Expedition; Canadian Journal, 2 vols—Mr. H. Shaw.
 Medical Times and Gazette, 4 vols; Glasgow Medical Journal, 4 vols—Mrs. Corbett.
 Bulletin of the Italian Entomological Society, vols 13 and 14—Prof. H. H. Giglioli.
 American Weather Reports and Charts—Consul G. W. Griffin.
 Force, by T. Wakelin—The Author.
 Rambles with a Philosopher, by an Otagonian—J. Turnbull Thomson.
 The Korimako, vol 1—Messrs. Champaloup & Cooper.
 The Southern Cross for 1853 and 1854; odd numbers of the Maori Messenger—S. E. Hughes.
 Report of the Auckland and New Ulster Agricultural Society for 1850—J. Baber.
 Wesslau's Free-trade and Protection—The Author.
 Bramall's Mineral Resources of New Zealand—The Author.
 Old Bible—Miss Hall.

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Books and Pamphlets relating to New Zealand, presented by J. T. Mackelvie, Esq. :—

- Dampier's First Voyage, 2 vols, 1698.
 Dampier's Voyage to New Holland, 1703.
 Dampier's Third Voyage, 1707.
 Dampier's Fourth Voyage, 1712.
 Voyage of the Wager, 1843.
 Anson's Voyage, 1845.
 Bowman's Travels in Carnovivria, 1778.
 A Residence in the Otaheitan Islands, 1800.
 South Sea Missions and Otaheite, 1818.
 The Church Missionary Intelligencer, 5 vols, 1819-47.
 Kendall's Grammar of the Maori Language, 1820.
 Orme's Defence of the Missions, 1827.
 Bay's Wreck of the Minerva, 1831.
 Drake, Cavendish and Dampier, 1831.
 Nightingale's Sketches in the Pacific, 1835.
 Letters of New Zealand Natives to Yate, 1836.
 Coates' New Zealand Association, 1837.
 Beecham's Colonization in New Zealand, 1838.
 Beecham's Remarks on New Zealand, 1838.
 Lumsden's Popular Account of New Zealand, 1839.
 Cargill's Refutation of Dillon, 1842.
 Wilkes' Tahiti, 1844.
 Waterhouse's Second Journal, 1844.
 Coulter's Adventures in the Pacific, 1845.
 Melville's Typee, 1847.
 Melville's Omoo, 1847.
 Letters to Dr. Hannah, 1848.
 Enderby's Auckland Islands, 1849.
 Voyages since Cook, 1850.
 Rochfort's Adventures of a Surveyor in New Zealand, 1853.
 Events in Fiji, 1856.
 Cooper's New Zealand Settlers' Guide, 1857.
 Shaw's Gallop to the Antipodes, 1858.
 Arthur's What is Fiji, 1859.
 Turner's Nineteen Years in Polynesia, 1861.
 Hawtrey's Justice to New Zealand, 1861.
 Description of the Province of Otago, 1862.
 Sewell's New Zealand Rebellion, 1864.
 Murder of the Rev. Mr. Volkner, 1865.
 Missionary Work in the Colonies, 1865.
 Musgrave's Castaway in the Auckland Isles, 1866.
 Cruise of the Mary Ira, 1867.
 Fragments of a Journal in New Zealand, 1868.
 Bullen's Fiji in 1870, 1871.
 Macarthur's Annexation of Fiji, 1874.
 Tomlinson's Diary of a Voyage to New Zealand, 1875.
 Tomlinson's Report to Farm Labourers, 1876.
 White's Emigration to New Zealand, 1876.
 Ross' New Zealand Guide, 1879.
 Clayden's England of the Pacific, 1878.
 Buller's New Zealand, Past and Present, 1880.
 Grant and Foster's Visit to New Zealand, 1880.
 Stewart's Description of the Te Puke Settlement, 1880.
 Stewart's Voyage to New Zealand, 1880.
 Isett's New Zealand from 1870 to 1880, 1880.
 Berry's Farming in New Zealand, 1880.
 Brown's Students' Life in New Zealand, 1881.
 South Sea Massacres, 1881.

Cooper's New Colony of Fiji, 1882.
Dillon Bell's Public Debt of New Zealand, 1882.
Medical Men in New Zealand, 1883.
MacGregor's Fifty Facts about Australia, 1883.
Stewart's Description of the Bay of Plenty, 1883.
Stewart's Guide to the Hot Lake District, 1883.
Ward's Te Whiti and the Prophet, 1883.
Bathgate's New Zealand, 1883.
Rowe's Bonds of Disunion, 1883.

Books on Miscellaneous Subjects, presented by J. T. Mackelvie, Esq. :—

Report on the Scientific Results of the Challenger Expedition, Narrative,
vol 2; Zoology, vols 3, 4, 5, 6, 7.
The Antiquary, vols 1 to 7.
Catalogue of the York Gate Library.
John Inglesant, 2 vols.
Memoirs of D. Macmillan.
Sergeant Ballantyne's Experiences.

Books Purchased :—

Zoological Record for 1879-80-81, 3 vols.
British Museum Catalogue of Birds, vols 5 and 6.
Catalogue of Batrachia Salientia.
Saville Kent's Manual of the Infusoria, 3 vols.
Cassell's Natural History, vol 5.
Baillon's History of Plants, vols 5, 6, 7.
Croll's Climate and Time.
Wallace's Island Life.
Geikie's Text-book of Geology.
Chambers' Descriptive Astronomy.
Coal, its History and Uses.
Spon's Gold, its Occurrence and Extraction.
Pascoe's Zoological Classification.
Haeckel's History of Creation, 2 vols.
Phillips' Miner's Explorer.
Maudsley's Responsibility in Mental Disease.
Cooke's Fungi.
Whitney's Life and Growth of Language.
Jevons' Money and the Mechanism of Exchange.
Schutzenberger's Fermentation.
Bernstein's Five Senses of Man.
Bain's Education as a Science.
Quatrefages' Human Species.
Rood's Modern Chromatics.
Huxley's Crayfish.
Semper's Natural Conditions of Existence.
Sully's Illusions.
Judd's Volcanoes.
Lubbock's Ants, Bees, and Wasps.
Romanes' Animal Intelligence.
Lommel's Optics.
Young's Sun.
Luy's The Brain and its Functions.
Ormerod's Manual of Injurious Insects.
Murray's Economic Entomology.
Simmond's Tropical Agriculture.
Life of Sir Charles Lyell, 2 vols.

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Seven Oil Paintings:—The Dawn of the First Easter Sunday, by E. Armitage, R.A.; Sea Urchins, by E. Armitage, R.A.; View of Brighton from the Sea, by J. Webb and C. Earl; An Incident in the Franco-German War, by Louis Braun; On the Road, by F. Putnam; A Bavarian Peasant, by E. Harburger; Good Morning, by Harry Leslie:—Presented to the Citizens of Auckland by J. T. Mackelvie, Esq.
105 Framed Water-colour, Pen and Ink, and Pencil Sketches, by eminent artists—J. T. Mackelvie, Esq.
Life-size Bronze Statue found at Pompeii—J. T. Mackelvie, Esq.
Four Roman Amphoræ—J. T. Mackelvie, Esq.
Three Oil Paintings by Netscher, Rodart, and Blake—Sir G. Grey, K.C.B.
Photograph of a Painting of Auckland in 1850—Hon. E. Mitchelson.
Photographs of Auckland—J. Martin.

Human Skeleton, set up—In exchange from Professor H. A. Ward.
Two Maori Preserved Heads, Skull of Tiger, Polar Bear, and Camel—In exchange from Professor Flower, Museum Royal College of Surgeons.
30 New Zealand Bird-skins—Purchased.
New Zealand Bird-skins—E. A. Plumley.
New Zealand Bird-skins—F. H. Combes.
Skin of *Procellaria Parkinsoni*—K. Watkins.
Skin of Sparrow Hawk—R. Wood.
Skin of Weka (*Oxydromus Earli*)—J. Mayo.
Skin of Swamp-crake (*Ortygometra tabuensis*)—J. Symons.
Egg of Kiwi—A. Wellby.
Nest and Eggs of Fan-tail—F. Cawkwell.
Collection of Birds' Eggs—R. Curnow.
Tusks of Wild Boar—A. Cullen.
Snout of Saw Fish—L. D. Nathan.
Snout of Saw Fish—Captain W. Lamb.

New Zealand Frogs (*Liopelma*)—J. Symons.
New Zealand Frog (*Liopelma*)—Dr. McMullen.
Tuatara Lizard (*Sphenodon*)—T. Russell.
New Zealand Shells—T. F. Cheeseman.
New Zealand Shells—J. Sinclair.
Eggs of *Helix Bushyi*—J. Bird.
Collection of 300 species of North American Marine, Land, and Fresh-water Shells—In exchange from T. H. Aldrich, Cincinnati, U.S.A.
Zanithina communis and other Shells; Fresh-water Crayfish (*Paranephrops*)—Major W. G. Mair.
Shells from the Suez Canal—J. Cordon.
Fresh-water Crayfish (*Paranephrops*)—J. Adams, A. T. Urquhart.
Stalked Cirripedes from the Kermadec Islands—Captain Bewick.
Hair-worm (*Gordius sp.*)—J. Hill.
Hepialus virescens—A. Martin.
Collection of English Lepidoptera—A. T. Vogan.
Vegetable Caterpillars—J. J. Keys.

Iron Pyrites on Calcite; Calcite; Jasperoid Quartz and other Minerals from Coromandel—Rev. P. Walsh.
Silicified Wood from the Kamo Coal Mines—J. Bennett.
Volcanic Bombs—J. Howard.
Copper Ore and Native Copper—Champion Copper Mining Co., Nelson, per A. Saunders.
Large Slab with Impressions of Palm Leaves—The Brunner Coal Mining Co., per Stone Bros.
Block of Pumice from Taupo—J. Marchesseau.
Block of Sulphur from Rotorua—G. H. Main.
Encrustations from the Rotorua Lake District—Mrs. J. S. Macfarlane.

Rock Specimens and Fossils from near the Wade—Mackellar.
Rock Specimens from the Wade—S. Weetman.
Waterworn Stones from Hokianga—J. Burt.

New Zealand Dried Plants—T. F. Cheeseman.
Large Kauri Plank—Hokianga Saw Mill Co.
Specimens of Tahitian Timbers—J. Arundel.
Maori Stone Adzes—McKellar.
Maori Stone Pipe—T. Williamson.
Carved Sinkers for a Fishing-line—Captain H. Stewart.
Carved Stone Image found at Tauranga—J. Brown.
Egyptian Curiosities—L. D. Nathan.
Stone Pounder, Fish-hook, &c., from Rarotonga—Rev. Mr. Wyatt Gill.
Portion of the Wreck of the Buffalo—The Chief Hamiora Mangakahia.
Gun Barrel found on the site of the Wairau Massacre—A. W. Parker.
Bullet picked up on the Field of Balacava—R. H. Ibbetson.
19 Silver and Copper Coins—H. Shaw.
American Silver Coin—Captain Webb.
American Coin—Miss Webb.
Various Coins—A. T. Urquhart.
Silver and Copper Coins—Traquair.
Copper Coin—A. Smith.



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LIST OF MEMBERS,

For the Year ending March 31, 1884.

[HONORARY AND LIFE MEMBERS DISTINGUISHED THUS *.]

Adams, J., B.A., Thames	Butt, W. A., Maketu
Aickin, G., Auckland	Cameron, R., Auckland
Aitken, W. "	Campbell, H. "
Alexander, C. "	Campbell, J. L., M.D., Auckland
Alexander, I. "	Campbell, W. D., F.G.S. "
Alexander, J. M. "	Carr, R. C., Remuera
Allwright, H., C.E., Auckland	Chamberlin, Hon. H., Parnell
Anderson, H. F. "	Chambers, J., Auckland
Anderson, R. "	Champtaloup, E. "
Anderson, W. "	Cheal, P. E., Thames
Atkin, W., Tamaki	Cheeseman, T.F., F.L.S., Auckland
Baber, J. C.E., Remuera	Ching, T., Auckland
Bagnall, L. J., Thames	Clark, A., Parnell
Baker, Rev. S. W., Auckland	Clark, J. M., Remuera
Baill, T., Onehunga	Clark, M.A., Remuera
Ball, W. T., Auckland	Clarke, Ven. Arch. E. B., Waimate
Banks, J., Auckland	Coates, J., Auckland
Barber, H. P., Parnell	Cochrane, W. S., Auckland
Barstow, R. C., Epsom	Coleman, W. C., Parnell
Bartley, E., Devonport	Combes, F. H., Auckland
Bates, Rev. J., Devonport	Comisky, P. "
Batger, J., Auckland	Cooke, C. E. "
Beere, D. M., C.E., Hamilton	Coombes, S. "
Beetham, A., Henderson	Compton, F. E. "
Berry, W., Auckland	Connell, W. H. "
Black, G., Thames	Cooper, C. "
Bourne, C. F., M.A., Auckland	Cooper, T. "
Boylan, J.F., C.E., Auckland	Cowie, Rt. Rev. W. G., D.D., Bishop of Auckland
Brett, H. "	Cranwell, R. "
Brigham, J. M. "	Cranwell, T., Parnell
Brock, A. "	Cruikshank, D. B., Auckland
Brown, Capt. G., M.E.S., Howick	Darby, P., Auckland
Brown, Prof. F. D., Auckland	Dawson, F. W., M.R.C.S.E., Auckland
Browning, R. "	Dignan, Hon. P., Auckland
Bruce, Rev. D. "	Dobson, Miss, Auckland
Buchanan, John "	Douglas, Sir R., Whangarei
Buchanan, J. "	Dowden, W., Auckland
Buchanan, W., Devonport	Dufaur, E. T. "
*Buckland, A., Auckland	Earl, W., Ohaewai
Buckland, W. F., Remuera	Eastman, H., Kaipara
Buddle, T., Auckland	Edson, J., Devonport
Bull, A., Epsom	
Burgess, E. W., Devonport	
*Burton, Capt., London	
Burton, W., Auckland	

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Elam, J., M.R.C.S.E., Tamaki
Elliott W., Auckland
Errington, W., C.E., Auckland
Esam, J. B. "
Ewington, F. G. "

Fairburn, J., Otahuhu
Fallon, D., Auckland
Farmer, J., London
Fenton, F. D., Auckland
Fidler, W., Whangarei
Filder, Capt., Devonport
Firth, J. C., Auckland
Fisher, J. "
Fraser, G. "

Gamble, T. T., Auckland
Garland, H. N. "
George, C. S. "
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Gibbons, E., Onehunga
Giblin, N., Auckland
Gillies, His Hon. Justice, Auckland
Gittos, B., Auckland
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Goldsmith, E. C., Tauranga
Goodfellow, W., Otara
Gorrie, W., Auckland
Graham, W. K., London
Gray, A., Remuera
Grey, J., Auckland
Grey, C. "
Greenway, J., Russell
Gulliver, Rev. E. H., St. John's
College

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Auckland
Hammond, A. de L., B.A., Parnell
Hammond, W. F., Auckland
Haumer, E. W. "
Hardie, J. "
Harding, S., C.E. "
Harker, N. "
Harrison, E. M. "
Haultain, Hon. Col. "
Hay, J. "
Hean, D. "
Heale, T., Parnell
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Heather, A. "
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Herapath, P. "
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Hesketh, E. "
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Hill, W. J. "
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Howard, J. "
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Hunt, R. R. "
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Hurst, W. J., M.H.R. "

Ireland, B., Parnell

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London
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Lennox, J. M. "
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Leys, T. W. "
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Lindesay, T., Onehunga
Lodder, W., Auckland
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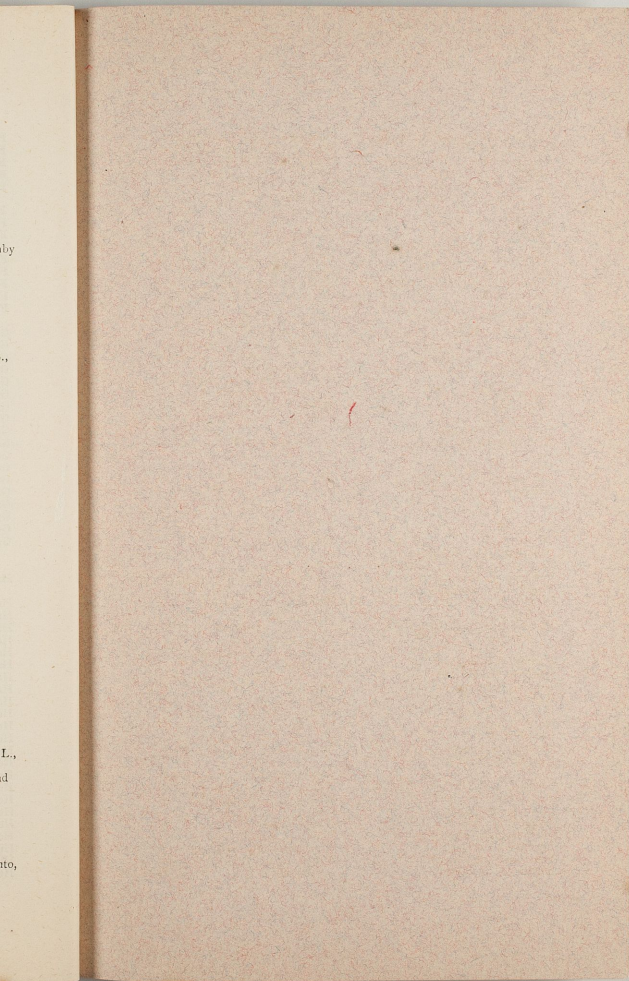
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 Auckland
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 Stodart, Mrs., Ponsonby
 Stoddard, Mrs. General, Ponsonby
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 Stone, C. B. "
 Street, C. H., Parnell
 Street, F., Auckland
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 Wallis, Rev. Dr. "
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 Williams, Ven. Archdeacon W. L.,
 Gisborne
 Williamson, Hon. Jas., Auckland
 Williamson, C., Auckland
 Wilson, J. J., Whangarei
 Wilson, J. L., Auckland
 Wilson, W. S. "
 Winks, J., Parnell
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